



FOCUS TECH Process Chemicals

Technical Data Sheet

Focus Tech TS-3002A/3003B

Two-Step Tin/Solder Stripping Process

Product Description

The FOCUS TECH TS tin/solder stripping process is a two-step, immersion process consisting of TS-3002A and TS-3003B. TS-3002A is a stabilized nitric acid based formulation that does the bulk of the metal stripping. TS-3003B strips away the copper-tin intermetallic layer and leaves a bright and shiny copper surface with a protective anti-tarnish coating.

Physical Properties

	TS-3002A	TS-3003B
Specific gravity:	1.2	1.2
pH:	< 2	< 2
Appearance:	Clear, water white liquid	Clear, amber liquid

Compatible Materials of Construction

Plastics	Molded polypropylene or polyethylene, teflon
Metals and alloys	Titanium
Elastomers	Viton

Typical Process

1. TS-3002A
2. Rinse
3. Rinse
4. TS-3003B
5. Rinse
6. Rinse
7. Dry

Operating Parameters

TS-3002A

Concentration:	100% by volume
Temperature:	70 °F – 90 °F
Dwell time:	1 – 5 minutes
Ventilation:	recommended

TS-3003B

Concentration:	50% by volume
Temperature:	70 °F – 90 °F
Dwell time:	30 – 90 seconds
Ventilation:	recommended
Copper etch rate:	5-15 microinches per minute

Storage

Store in original containers above 40 °F.

Safety

Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

Notice

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